

# SEQUENCE LISTING

<110> White, David  
Tayber, Olga

<120> 84569, A NOVEL HUMAN MAP KINASE FAMILY  
MEMBER AND USES THEREFOR

<130> MPI02-128P1RM

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<151> 2002-07-15

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Val Arg Glu Thr Glu Arg Asp Glu Asn Thr Tyr Tyr Arg Glu Ile Cys	
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Val Leu Ile Ser Lys Glu Lys Ser Ser Lys Ala Val His Ser Asn Leu	
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Lys Ser Ser Gly Asn Glu Phe Leu Ser Ser Lys Asp Glu Ile His Pro	
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Met Asn Leu Ala Gln Thr Pro Glu Gln Ser Met Lys Gln Asn Glu Phe	
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Pro Pro Val Ser Asp Leu Ser Ile Val Glu Glu Val Ser Met Glu Glu	
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Ser Thr Gly Asp Arg Asp Ile Ser Asn Asn Gln Ile Leu Thr Thr Ser	
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Leu Arg Asp Leu Gln Glu Leu Glu Glu Leu His His Gln Ile Pro Phe	
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Ile Pro Ser Glu Asp Ser Trp Ala Val Pro Ser Glu Lys Asn Ser Asn	
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Asn Ala Ser Arg Ile Leu Thr Asn Asp Leu Glu Phe Asp Ser Val Ser	
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His Arg Gly Leu Met Pro Pro Leu Pro Asp His Phe Ser Glu Asn Ala	690	695	700	
gca gac ttt gtg cgc atg tgc ctg acc agg gac cag cat gag cga cct				2160
Ala Asp Phe Val Arg Met Cys Leu Thr Arg Asp Gln His Glu Arg Pro	705	710	715	720
tct gct ctc cag ctc ctg aag cac tcc ttc ttg gag aga agt cac tga				2208
Ser Ala Leu Gln Leu Leu Lys His Ser Phe Leu Glu Arg Ser His *	725	730	735	

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 <223> ATP binding region consensus sequence

<221> VARIANT  
 <222> (1)...(30)  
 <223> Xaa = Any Amino Acid

<400> 5  
 Gly Xaa Gly Xaa Xaa Gly Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
 1 5 10 15  
 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa  
 20 25 30